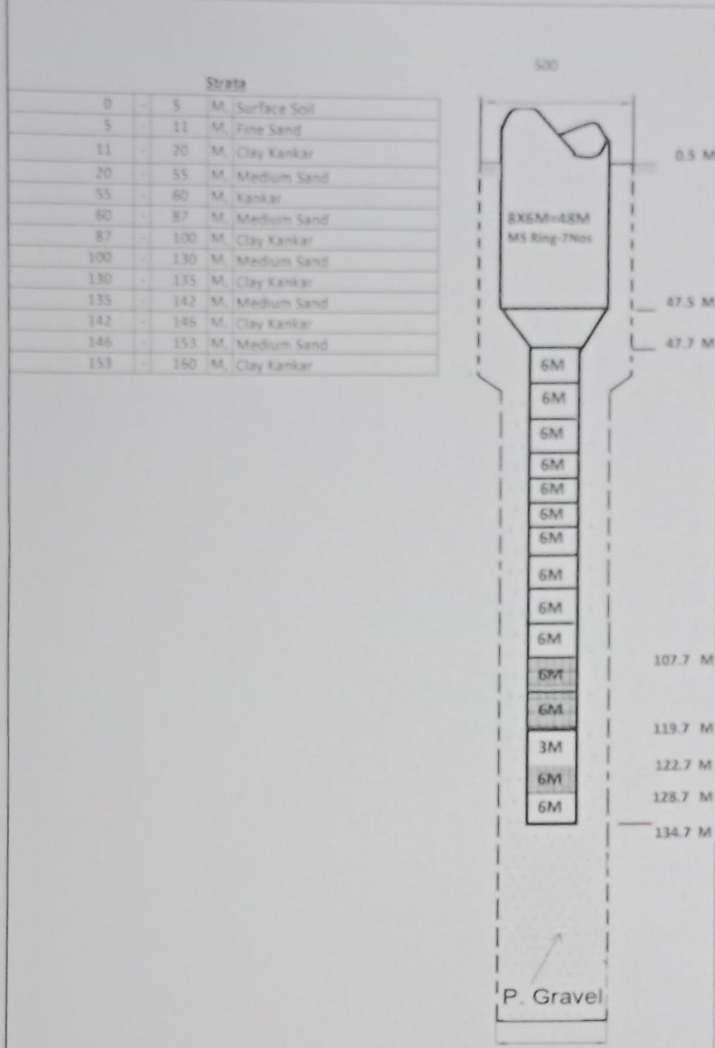


Name Of Work :- Construction of T. W. of G.P. Saidpur Karanpur, Block- Lakhimpur, District, Lakhimpur Kheri.
 Name Of Program :- J. J. M
 Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)
 Name Of Contractor :- M/S NCC Limited
 Name Of TPI :- Ceinsys Tech Limited
 Contract Agreement :- 12/ED/Phase-3/2021-22, date-07.01.2022
 Cover Agreement :- 487/ED/Phase-3/2022-23/XIX, Dated 03.03.2023

Lowered Assembly Chart of T. W of Saidpur Karanpur G.P W/S Scheme District - Lakhimpur Kheri.



Strata		
0	5	M. Surface Soil
5	11	M. Fine Sand
11	20	M. Clay Kankar
20	55	M. Medium Sand
55	60	M. Kankar
60	87	M. Medium Sand
87	100	M. Clay Kankar
100	130	M. Medium Sand
130	135	M. Clay Kankar
135	142	M. Medium Sand
142	146	M. Clay Kankar
146	153	M. Medium Sand
153	160	M. Clay Kankar

ABSTRACT		
1	Type of Rig Machine	> DC/RC
2	Static Water level	>
3	Required Discharge	> 410 LPM
4	Bore Size (MM)	> 500 X 450
5	Assembly Size (MM)	> 200 X 150
6	Drilling Starting Date	> 03-05-2023
7	Drilling Completion Date	> 07-05-2023
8	Total Depth Of Drilling	> 165 M
9	Logging Date	> 08-05-2023
10	Logging Depth	> 160 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	0 - 5	5	(Good All)
2	5 - 11	6	
3	11 - 20	9	
4	20 - 55	35	
5	55 - 60	5	
6	60 - 87	27	
7	87 - 100	13	
8	100 - 130	30	
9	130 - 135	5	
10	135 - 142	7	
11	142 - 146	4	
12	146 - 153	7	
13	153 - 160	7	

11 Details of Lowered Assembly			
i)	200	MM Dia Housing Pipe	> 48.0 M
ii)	150	MM Dia M. S. Slotted pipe	> 18 M
iii)	150	MM Dia M. S. Plain pipe	> 69.0 M
iv)	200 X 150	MM Dia M S Reducer	> 0.2 M
Total			> 135.20 Meter
AGL			> 0.50 Meter
BGL			> 134.70 Meter

12 Date of Lowering :- 09-05-2023



Verified by
 M/S. Ceinsys Tech Ltd.

Recommended by
 ASHISH KUMAR
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by
 VINOD KUMAR
 Assistant Engineer
 Divisional office (E&M)
 U.P. Jal Nigam (R)
 Lucknow

Approved by
 E.E.
 13th Division U.P Jal Nigam (R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING
AT

GRAM PANCHAYAT- SAIDAPUR KARANPUR, BLOCK- LAKHIMPUR,
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 160 mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08.May.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 22.50 Ohms.

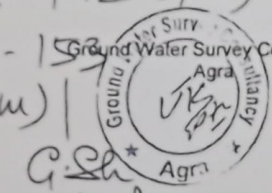
Drilling Water Resistivity = 23.62 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 11	6	Fine sand	
3.	10 - 20	10	Clay kankar	
4.	20 - 55	35	Medium sand	Good
5.	55 - 60	5	Kankar	
6.	60 - 87*	27	Medium sand	Good
7.	87 - 100	13	Clay kankar	
8.	100 - 130*	30	Medium sand	Good
9.	130 - 135	5	Clay kankar	
10.	135 - 137*	2	Medium sand	Good
11.	137 - 145	8	Clay kankar	
12.	145 - 155*	10	Medium sand	Good
13.	155 - 160	5	Clay kankar	

Sr NO 10 - 135 - 142 (7m)

Sr NO 12 - 146 - 156 (7m)



G.Sh
09/05/23

- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by firm as per their logger calibration.